No. 200000071

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Seminis Vegetable Seeds, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE , OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

LETTUCE

'Conquistador'

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of Washington, D.C. this nineteenth day of April, in the year two thousand and five.*

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions.*

FORM APPROVED – OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) *(as it is to appear on the Certificate)*

Seminis Vegetable Seeds, Inc.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER

PSR 0136

3. VARIETY NAME

Conquistador

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*

RAD 3/5/01

~~37437 State Hwy 16~~
~~Woodland CA 95695~~

2700 Camino del Sol
Oxnard, CA
93030-7967

5. TELEPHONE *(include area code)*

(530) 666-0931

6. FAX *(include area code)*

(530) 666-6791

FOR OFFICIAL USE ONLY

PVPO NUMBER

20000071

FILING DATE

Dec. 6, 1999

7. GENUS AND SPECIES NAME

Lactuca Sativa L.

8. FAMILY NAME *(Botanical)*

Asteraceae

9. CROP KIND NAME *(Common name)*

Lettuce

FEES RECEIVED

FILING AND EXAMINATION FEE:

$ 2450.00

DATE

Dec. 6, 1999

CERTIFICATION FEE:

$ 432.00

DATE

3/31/2005

10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.) (Common name)*

Corporation

11. IF INCORPORATED, GIVE STATE OF INCORPORATION

California

12. DATE OF INCORPORATION

1962

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS

Sharen Chaffin
Seminis Vegetable Seeds, Inc.
37437 State Hwy 16
Woodland CA 95616

Marcel Bruins
Seminis Vegetable Seeds, Inc.
Nude 54D
6702 DN Wageningen
The Netherlands
mbruins@svseeds.nl
Ph: 31 317 450218 Fax: 31 317 450217

14. TELEPHONE *(include area code)*

011 31 317 450218

15. FAX *(include area code)*

011 31 317 450217

16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED *(Follow instruc*

a. ☒ Exhibit A. Origin and Breeding History of the Variety
b. ☒ Exhibit B. Statement of Distinctness
c. ☒ Exhibit C. Objective Description of the Variety
d. ☐ Exhibit D. Additional Description of the Variety *(Optional)*
e. ☒ Exhibit E. Statement of the Basis of the Applicant's Ownership
f. ☒ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in an approved public repository)*
g. ☐ Filing and Examination Fee ($2,450), made payable to "Treasurer of the United States" *(Mail to PVPO)*

17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)*

☐ YES *(If "yes," answer items 18 and 19 below)* ☒ NO *(If "no," go to item 20)*

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?

☐ YES ☒ NO

19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?

☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?

☒ YES *(If "yes," give names of countries and dates)* ☐ NO

USA Aug. 1999

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT *(Owner(s))*		SIGNATURE OF APPLICANT *(Owner(s))*	
NAME *(Please print or type)* T. Kramer		NAME *(Please print or type)*	
CAPACITY OR TITLE Director	DATE 12/3/99	CAPACITY OR TITLE	DATE 1

STD-470 (03-96) *(Previous editions are to be destroyed)*

(See reverse for instructions and information collection burden statement)

Exhibit 16A. Origin and Breeding History of Lettuce cv. Conquistador (PSR 0136)

Pedigree of cv. Conquistador

Female		*Male*	
cv. Darkland Cos	X	cv. Bautista	1992
↓			
F_1		1992	
↓			
F_2		1993	13 single plant selections
↓			
F_3		1994	19 single plant selections
↓			
F_4		1995	21 single plant selections
↓			
F_5		1996	23 single plant selections
↓			
PSR 0136 F_6		1997	trials and seed increase
↓			
F_7		1998	commercial trials and seed increase
↓			
F_8		1999	commercial trials and seed increase

Cv. Conquistador (PSR 0136) originated in 1992 with the cross cv. Darkland Cos by cv. Bautista. Single plant selections were made in subsequent years in the area of intended commercialization. By F_6 a group of 17 families was judged uniform and bulked for trialing and seed increase. An F_7 mass was trialed extensively during 1998 and an increase of F_8 seed was produced in the San Joaquin Valley of California this year.

The breeding work was carried out by Dr. William Waycott at the Petoseed Company's Research Station at Arroyo Grande, California. Petoseed Company was purchased by Seminis Vegetables Seeds, Inc. in 1995, and the work continued by the same staff at the Arroyo Grande location until the present. Replicated field trials were conducted in production areas throughout California and Arizona during 1998 and 1999.

The breeding method employed was pedigree selection, using both single plant selection and mass selection practices. The selection criteria for cv. Conquistador were:

1. a cultivar with increased uniformity, and improved heading ability adapted to growing conditions in the Desert Southwest of North America, when compared to the most similar varieties, along with:
2. darker color, and
3. resistance to corky root rot.

In trials of cv. Conquistador during **the last seven years covering generations F_6 to F_{13}**, we have seen neither genetic variants nor off-types in more than 10,000 plants, **indicating that this variety is genetically uniform and stable.**

Exhibit 16B. Novelty Statement of Lettuce cv. Conquistador (PSR 0136)

Cv. Conquistador is described as a vigorous romaine lettuce cultivar adapted to the California and Arizona lettuce growing areas. Cv. Conquistador is sown from October through December in Southern California and western Arizona, in December and January in the San Joaquin Valley of California, and January through May in the production areas of Coastal California. Cv. Conquistador is susceptible to all California pathotypes of downy mildew, however, it contains the mo gene conferring resistance to lettuce mosaic virus, and the cor gene conferring resistance to corky root rot, strain CA1. Cv. Conquistador was selected for improved uniformity and performance compared to the currently commercial cultivars grown during the same production periods as well as for the disease resistances listed above.

Phenotypically, cv. Conquistador is distinct from its most similar commercial cultivars, cv. Clemente **(Table 1)**. Cv. Conquistador is larger **(25cm vs. 23.1cm),** not as heavy **(768.5g vs. 820g)**, and more uniform in head formation and appearance than Clemente. In replicated field trials, cv. Conquistador exhibited more plants with uniformly tall heads, while cv. Clemente exhibited less uniformity of heading, with several plants having mis-shapened heads. The leaf color of cv. Conquistador was consistently darker (RHC color chart 146A), while the color value of cv. Clemente was 146B.

The data presented here are statistically different at the 95% confidence level, exhibiting a range of means for plant height from 28.92 to 29.43 for cv. Conquistador and from 25.55 to 26.30 for cv. Clemente, of means for head diameter from 24.67 to 25.33 for cv. Conquistador and from 22.60 to 23.50 for cv. Clemente, and of means for head weight from 766.57 to 770.43 for cv. Conquistador and from 817.82 to 822.18 for cv. Clemente, using the 0.95 probability of generating confidence intervals (CI) that contains the means.

Table 1. Evaluation of Conquistador (PSR 0136) and the most similar cultivar, Clemente, for several important characters.

Trial No	Cultivar	Rep No.	Color[a]	Downy Mildew Resist.[b]	Corky Root Rot Resist.[c]	Lettuce Mosaic Resist.[d]	Plant Height[e]	Head Diam.[f]	Head Weight[g]	No. of Days to 15 cm[h]
Trial 1: Evaluated: 5 Jan 99 Yuma, AZ	**Conquistador:**	Rep. 1	146A	Suscept.	Resist.	Resist.	28.7±1.1	25.1±1.2	768±8.1	65
		Rep. 2	146A	Suscept.	Resist.	Resist.	29.5±1.3	25.7±1.7	770±8.9	64
		Average:	146A	Suscept.	Resist.	Resist.	29.1±1.2	25.4±1.5	769±8.5	64
	Clemente:	Rep. 1	146B	Suscept.	Resist.	Resist.	26.1±1.5	22.9±2.1	820±9.6	69
		Rep. 2	146B	Suscept.	Resist.	Resist.	26.1±1.6	22.7±1.8	826±9.5	68
		Average:	146B	Suscept.	Resist.	Resist.	26.3±1.6	22.8±2.0	823±9.6	69
Trial 2: Evaluated: 3 Jan 99 Yuma, AZ	**Conquistador:**	Rep. 1	146A	Suscept.	Resist.	Resist.	28.9±1.2	24.3±1.3	772±8.3	64
		Rep. 2	146A	Suscept.	Resist.	Resist.	29.6±1.0	24.9±1.7	764±9.2	64
		Average:	146A	Suscept.	Resist.	Resist.	29.3±1.1	24.6±1.5	768±8.8	64
	Clemente:	Rep. 1	146B	Suscept.	Resist.	Resist.	25.4±1.5	22.8±1.9	815±10.2	70
		Rep. 2	146B	Suscept.	Resist.	Resist.	26.1±2.0	23.8±2.2	819±9.7	68
		Average:	146B	Suscept.	Resist.	Resist.	25.8±1.8	23.3±2.1	817±10.0	69

Range of variation among means of statistically significant differences at the 95% level using the confidence interval [CI = mean ± (SDXSE)]:

cv. Conquistador (PSR 0136)	**28.92 to 29.43**	**24.67 to 25.33**	**766.57 to 770.43**
cv. Clemente	**25.55 to 26.30**	**22.60 to 23.50**	**817.82 to 822.18**

[a] Color evaluation was done using the Royal Horticultural Society color chart, U.K.
[b] Downy mildew survey reported as resistance to California Pathotypes I through V, using two replications each having 15 seedlings, grown in laboratory screens.
[c] Corky root rot survey of using five replications, each having 25 roots from plants grown in field trials in Monterey and Santa Maria Counties, CA, evaluated between June and August, 1997 and 1998.
[d] Lettuce mosaic virus survey using two replications each having 40 seedlings, grown in laboratory screens.
[e] Mean plant height using two sowing dates of 20 plants per replication in cm ± standard deviation.
[f] Mean head diameter using two sowing dates of 20 plants per replication in cm ± standard deviation.
[g] Mean head weight using two sowing dates of 20 plants per replication in grams ± standard deviation.
[h] Mean number of days until stem reaches 15 cm using two replications of 20 plants each.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION

EXHIBIT

OBJECTIVE DESCRIPTION OF VARIETY
LETTUCE *Lactuca sativa*

NAME OF APPLICANT (S)
Seminis VEgetable Seeds, Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)
37437 State Hwy 16
Woodland CA 95695

FOR OFFICIAL USE ONLY
PVP NUMBER 2000 0007 1
VARIETY NAME PSR 0136 "Conquistador"
EXPERIMENTAL DESIGNATION MAG 3/31/05

Place numbers in the boxes for the characters which best describe this variety. Measured data should be the mean of an appropriate number (at least 10) of we spaced plants. Royal Horticultural Society or any recognized color standard may be used to determine plant colors.

The location of the test area is:

Color System Used:

1. PLANT TYPE: *(See list of suggested check varieties page 4.)*

[04]

01=Cutting/Leaf
02=Butterhead
03=Bibb
04=Cos or Romaine
05=Great Lakes Group
06=Vanguard Group
07=Imperial Group
08=Eastern (Ithaca) Group
09=Stem
10=Latin
11=OTHER

2. SEED:

COLOR: [1] 1=White (Silver Gray) 2=Black (Gray Brown) 3=Brown (Amber)

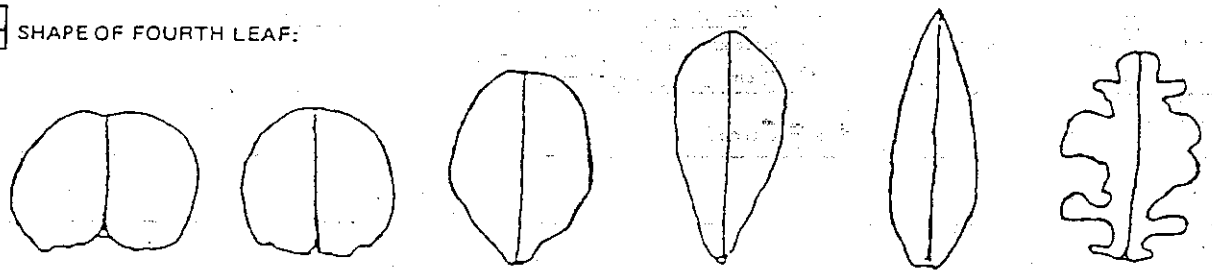
LIGHT DORMANCY: [2] 1=Light Required 2=Light Not Required

HEAT DORMANCY: [1] 1=Susceptible 2=Not Susceptible

3. COTYLEDON TO FOURTH LEAF STAGE: NOTE: Provide a color photograph or photocopy of the fourth leaf from 20 day old seedling grown under optimal conditions.

[2] SHAPE OF COTYLEDONS: 1=Broad 2=Intermediate 3=Spatulate

[4] SHAPE OF FOURTH LEAF:



1 2 3 4 5 6

[22] LENGTH/WIDTH INDEX OF FOURTH LEAF: L/W x 10

[1] APICAL MARGIN:
[2] BASAL MARGIN:
1=Entire 2=Creanate/Gnawed 3=Finely Dentate 4=Moderately Dentate 5=Coarsely Dentate 6=Incised 7=Lobed 8=OTHER *(specify)*

[1] UNDULATION: 1=Flat 2=Slight 3=Medium 4=Marked

[3] GREEN COLOR: 1=Yellow Green 2=Light Green 3=Medium Green 4=Dark Green 5=Blue Green 6=Silver Green 7=Gray Green

ANTHOCYANIN:

[1] DISTRIBUTION: 1=Absent 2=Margin Only 3=Spotted 4=Throughout 5=OTHER *(specify)*

[—] CONCENTRATION: 1=Light 2=Moderate 3=Intense

[1] ROLLING: 1=Absent 2=Present

[1] CUPPING: 1=Uncupped 2=Slight 3=Markedly

[1] REFLEXING: 1=None 2=Apical Margin 3=Lateral Margins

5

20000071

4. MATURE LEAVES *(observe harvest-mature outer leaves)*:

NOTE: Provide color photo of harvest-mature leaves which accurately shows color and margin characteristics.

MARGIN:

[1]	INCISION DEPTH: *(deepest penetration of the margin)*	1=Absent/Shallow (Dark Green Boston)	2=Moderate (Vanguard)	3=Deep (Great Lakes 659)
[4]	INDENTATION: *(finest divisions of the margin)*	1=Entire (Dark Green Boston) 2=Shallowly Dentate (Great Lakes 65)	3=Deeply Dentate (Great Lakes 659) 4=Crenate (Vanguard)	5=OTHER *(specify)*
[1]	UNDULATION OF THE APICAL MARGIN:	1=Absent/Slight (Dark Green Boston)	2=Moderate (Vanguard)	3=Strong (Great Lakes 659)
[4]	GREEN COLOR:	1=Very Light Green (Bibb) 2=Light Green (Minetto)	3=Medium Green (Great Lakes) 4=Dark Green (Vanguard)	5=Very Dark Green 6=OTHER

ANTHOCYANIN *(grown at or below 10 C)*:

[1]	DISTRIBUTION:	1=Absent 2=Margin Only (Big Boston)	3=Spotted (Calif. Cream Butter) 4=Throughout (Prize Head)	5=OTHER *(specify)*
[-]	CONCENTRATION:	1=Light (Iceberg)	2=Moderate (Prize Head)	3=Intense (Ruby)
[3]	SIZE:	1=Small	2=Medium	3=Large
[2]	GLOSSINESS:	1=Dull (Vanguard)	2=Moderate (Salinas)	3=Glossy (Great Lakes)
[2]	BLISTERING:	1=Absent/Slight (Salinas)	2=Moderate (Vanguard)	3=Strong (Prize Head)
[2]	LEAF THICKNESS:	1=Thin	2=Intermediate	3=Thick
[1]	TRICHOMES:	1=Absent (smooth)	2=Present (spiny)	

5. PLANT *(at market stage. Choose a comparison variety appropriate for this type.)*:

[29] SPREAD OF FRAME LEAVES: cm This Variety [26] cm CLEMENTE *(specify comparison variety)*

[25] HEAD DIAMETER *(market trimmed with single cap leaf)*: cm This Variety [23] cm CLEMENTE *(specify comparison variety)*

[4]	HEAD SHAPE:	1=Flattened 2=Slightly Flattened	3=Spherical 4=Elongate	5=Non-Heading 6=OTHER
[3]	HEAD SIZE CLASS:	1=Small	2=Medium	3=Large

[24] HEAD COUNT PER CARTON

[769] HEAD WEIGHT: g This Variety [820] g CLEMENTE *(specify comparison variety)*

[2]	HEAD FIRMNESS:	1=Loose 2=Moderate	3=Firm 4=Very Firm

6. BUTT *(bottom of market-trimmed head)*:

[3]	SHAPE:	1=Slightly Concave	2=Flat	3=Rounded
[2]	MIDRIB:	1=Flattened (Salinas)	2=Moderately Raised	3=Prominently Raised (Great Lakes 659)

7. CORE *(stem of market-trimmed head)*:

[40] mm Diameter at base of head

[63] Ratio of head diameter/core diameter

[71] Core height from base of head to apex: mm This Variety [68] mm CLEMENTE *(specify comparison variety)*

8. BOLTING *(Give First Water Date 19 MAY98)*: NOTE: First Water Date is the date seed first receives adequate moisture to germinate. This can and often does equal the planting date.

[62] Number of days from First Water Date to seed stalk emergence *(summer conditions)*: This Variety [61] CLEMENTE *(specify comparison variety)*

[3]	BOLTING CLASS:	1=Very Slow 2=Slow	3=Medium 4=Rapid	5=Very Rapid

[85] Height of mature seed stalk: cm This Variety [85] cm CLEMENTE *(specify comparison variety)*

Spread of Bolter Plant *(at widest point)*:
42 cm This Variety 48 cm CLEMENTE *(specify comparison variety)*

1	BOLTER LEAVES:	1=Straight	2=Curved	
1	MARGIN:	1=Entire	2=Dentate	
3	COLOR:	1=Light Green	2=Medium Green	3=Dark Green
	BOLTER HABIT:			
2	TERMINAL INFLORESCENCE:	1=Absent	2=Present	
2	LATERAL SHOOTS: *(above head)*	1=Absent	2=Present	
1	BASAL SIDE SHOOTS:	1=Absent	2=Present	

9. MATURITY *(earliness of harvest-mature head formation)*:

NOTE: Complete this section for at least one season.

SEASON	Applic. 1/ #of days	Check 1/ #of days	CHECK VARIETY 2/
Spring	98	101	CLEMENTE
Summer			
Fall	81	83	CLEMENTE
Winter	91	94	CLEMENTE

Give planting date(s), and location(s):

Spring SOUTHERN CALIFORNIA, WESTERN ARIZONA 1 DECEMBER TO 31 DECEMBER
CENTRAL CALIFORNIA (SAN JOAQUIN VALLEY) 15 DECEMBER TO 15 JANUARY

Summer

Fall SOUTHERN CALIFORNIA, WESTERN ARIZONA 1 OCTOBER TO 1 DECEMBER

Winter SOUTHERN CALIFORNIA, WESTERN ARIZONA

1/ First water date to harvest. 2/ Fill in check variety name on the appropriate line.

10. ADAPTATION:

PRIMARY REGIONS OF ADAPTION *(tested and proven adapted)*: (0=Not tested 1=Not Adapted 2=Adapted)

2	Southwest *(Calif., Ariz. desert)*	0	West Coast	0	Northeast
0	Northcentral	0	Southeast		OTHER

SEASON:

2	Spring (area YUMA, IMPERIAL VALLEY SAN JOAQUIN VALLEY)	2	Fall (area YUMA, IMPERIAL VALLEY)
0	Summer (area)	2	Winter (area YUMA, IMPERIAL VALLEY)

0	GREENHOUSE:	0=Not tested	1=Not Adapted	2=Adapted
1	SOIL TYPE:	1=Mineral	2=Organic	3=Both

11. DISEASES AND STRESS REACTIONS (0=Not tested; 1=Susceptible; 2=Intermediate; 3=Resistant; 4=Highly resistant; 5=Tolerant):

VIRUS

- [1] Big Vein
- [3] Lettuce Mosaic
- [0] Cucumber Mosaic
- [0] Broad Bean Wilt
- [0] Turnip Mosaic
- [0] Beet Western Yellows
- [0] Lett. Infectious Yellows
- [ ] Other Virus _____

FUNGAL/BACTERIAL

- [0] Corky Root Rot (Pythium Root Rot)
- [0] Downy Mildew (Races _____)
- [0] Powdery Mildew
- [0] Sclerotinia Rot
- [0] Bacterial Soft Rot (Pseudomonas spp. & others)
- [0] Botrytis (Gray Mold)
- [3] OTHER Rhizomonos suberifaciens

INSECTS

- [0] Cabbage Loopers
- [0] Root Aphids
- [0] Green Peach Aphid
- [ ] Other Insect _____

PHYSIOLOGICAL/STRESS

- [3] Tipburn
- [2] Heat
- [0] Drought
- [3] Cold
- [0] Salt
- [0] Brown Rib (Rib Discoloration, Rib Blight)
- [ ] OTHER _____

POST HARVEST

- [0] Pink Rib
- [0] Russet Spotting
- [0] Rusty Brown Discoloration
- [0] Internal Rib Necrosis (Blackheart, Gray Rib, Gray Streak)
- [0] Brown Stain

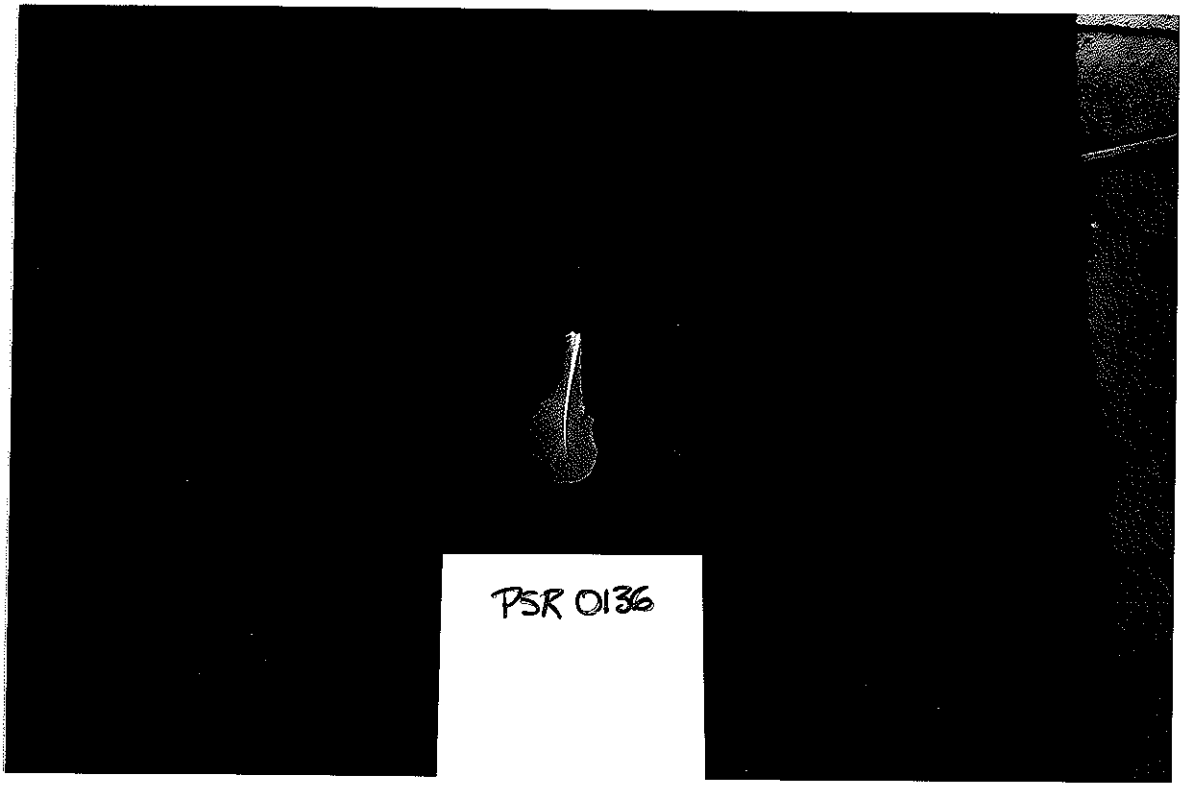
12. BIOCHEMICAL OR ELECTROPHORETIC MARKERS:

13. COMMENTS:

SUGGESTED CHECK VARIETIES

TYPE	CHECK VARIETY
1) CUTTING/LEAF	SALAD BOWL
2) BUTTERHEAD	DARK GREEN BOSTON
3) 8188	8188
4) COS, OR ROMAINE	PARRIS ISLAND
5) GREAT LAKES GROUP	GREAT LAKES 659-700
6) VANGUARD GROUP	VANGUARD
7) IMPERIAL GROUP	VIVA
8) EASTERN GROUP	ITHACA
9) STEM	CELTUCE
10) LATIN	MATCHLESS

8



Fourth Leaf from 20-Day old Seedlings, PSR 0136
'Conquistador' MH 3/31/05

Harvest-Mature Leaf, PSR 0136

200000071

REPRODUCE LOCALLY. Include form number and edition date on all reproductions. FORM APPROVED - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

Application is required in order to determine if a plant variety protection certificate is to be issued *(7 U.S.C. 2421)*. The information is held confidential until the certificate is issued *(7 U.S.C. 2426)*.

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Seminis Vegetable Seeds, Inc.	PSR 0136	Conquistador
4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*	**5. TELEPHONE** *(Include area code)*	**6. FAX** *(Include area code)*
2700 Camino del Sol Oxnard, CA 93030-7967	(805) 647-1572	(805) 918-2545
	7. PVPO NUMBER 200000071	

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. **If no, please explain.** ☑ YES ☐ NO

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? **If no, give name of country.** ☑ YES ☐ NO

10. Is the applicant the original owner? ☑ YES ☐ NO **If no, please answer one of the following:**

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?
☐ YES ☐ NO **If no, give name of country**

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?
☐ YES ☐ NO **If no, give name of country**

11. Additional explanation on ownership *(Trace ownership from original breeder to current owner. Use the reverse for extra space if needed)*:

The variety named in this application was developed by the Seminis Vegetable Seeds, Inc., employee (breeder) named below. Unless otherwise stated, all rights to the varieties developed by Seminis Vegetable Seeds, Inc. are assigned to the Company by agreement or by operation of law. No rights to such invention, discovery or development are retained by the employee(s).

Employee (Breeder): Bill Waycott

Site Location: Arroyo Grande, CA

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.